# Service Manual

**EZPPC70-2B-C1G**
**EZPOS70-2B-C1G**

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# 1.

# Before You Start

1. Please unplug the power cable before you start to work.

2. Please read and follow the instructions in this document carefully. Failure to follow these instructions could damage your device and void the warranty.

## 1.1. Tools Suggested

All procedures in this document require the following tools:

**#0 Phillips screwdriver**
**(Magnetized suggested)**

**#1 Phillips screwdriver**
**(Magnetized suggested)**

**1.5 mm hexagon socket spanner**
**(Magnetized suggested)**

# 2.

## Opening the Device

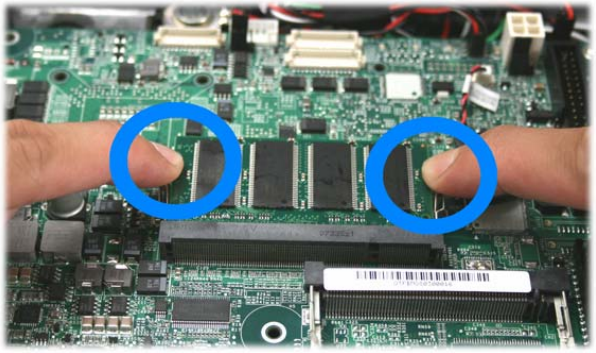
1. Un-tighten six screws on the back panel anticlockwise.

2. Separate the back panel from the front panel by lifting up and lay it down carefully.

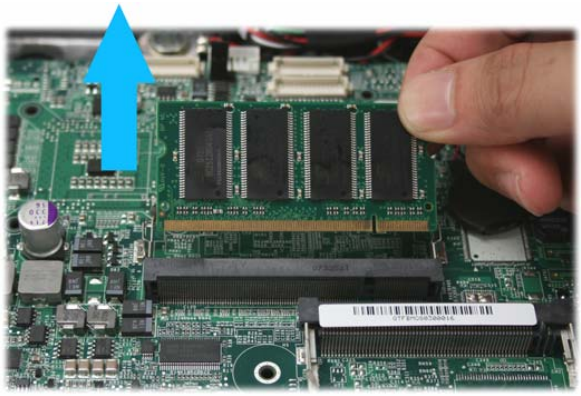
# 3.

## RAM Replacement

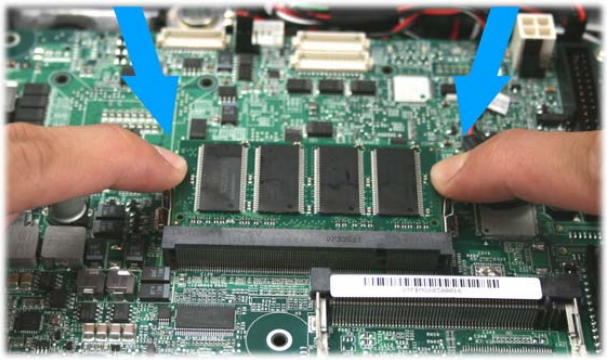
1. Open the tow ejectors on the slot by pushing them, and remove the RAM from the slot.



3. Remove the old RAM.



4. Align and insert the new RAM in the slot and push both ends of the RAM down until the ejectors snap into place.

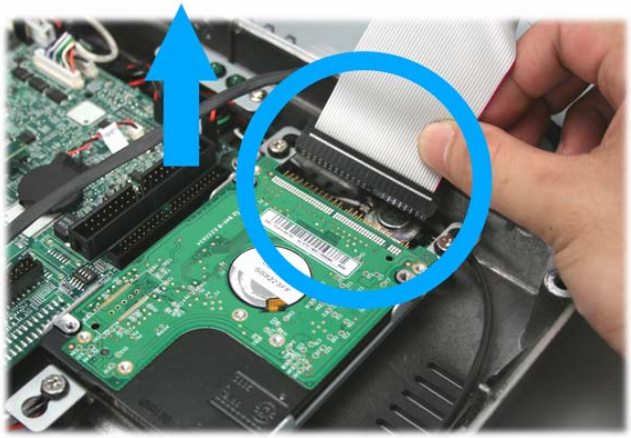


# 4.

## HDD Replacement

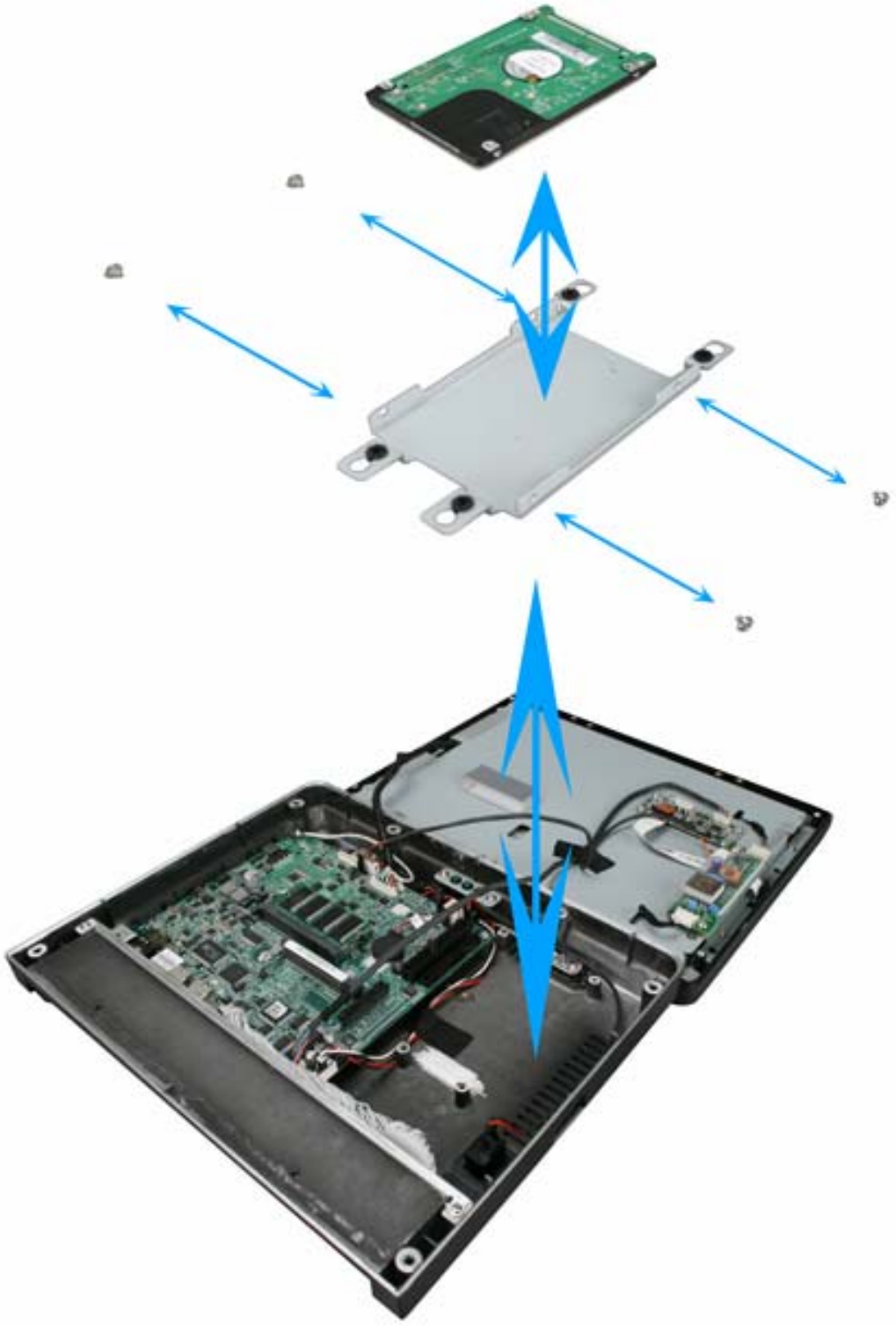
1. Unplug one connector of the IDE cable from the mainboard.

2. Unplug another connector of the IDE cable from the HDD.



3. Loosen the four screws by #1 Phillips screwdriver as shown below and remove the HDD assembly from the device.

4. Loosen the four screws fixing the HDD and remove the HDD from the bracket as shown below.



5. Install the new HDD in the reverse procedure from Step 4 to Step 1.

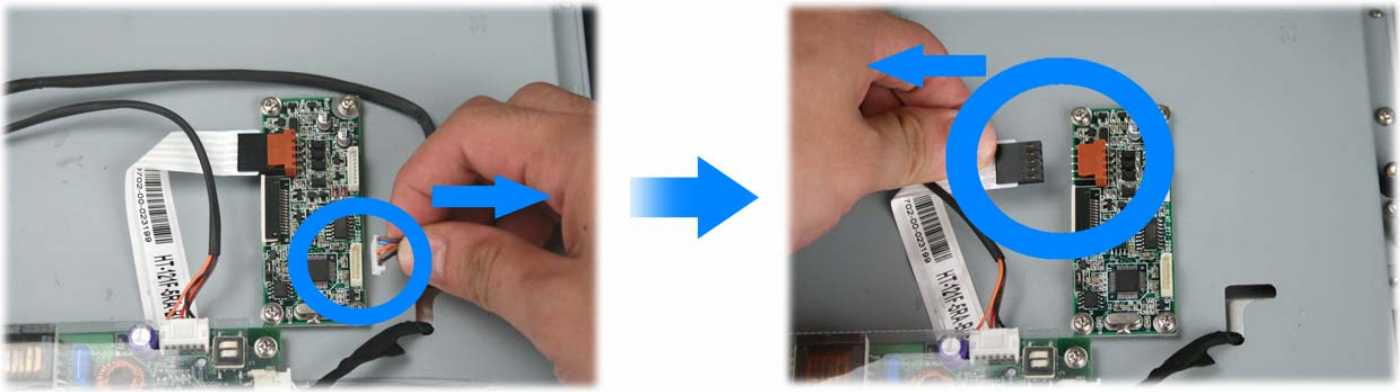
# 5.

# Touch Panel Control Board Replacement

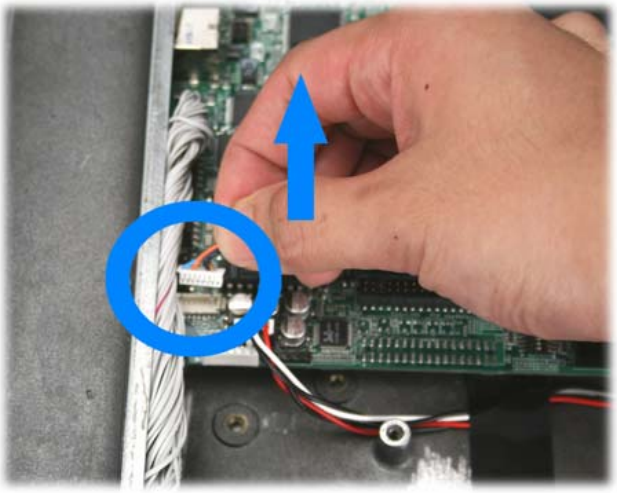
## 5.1. Disconnect Touch Panel Control Board Cable

1. Remove the black tape as shown below.

2. Disconnect two connecters form the touch panel control board as shown below.

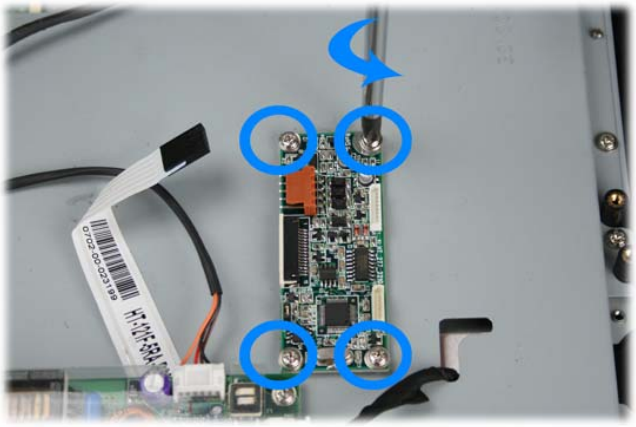


3. Disconnect another connecter of the touch control board cable from the mainboard.



## 5.2. Remove the Touch Panel Control Board

1. Loosen the two screws by #0 Phillips screwdriver as shown below and remove the touch panel control board.



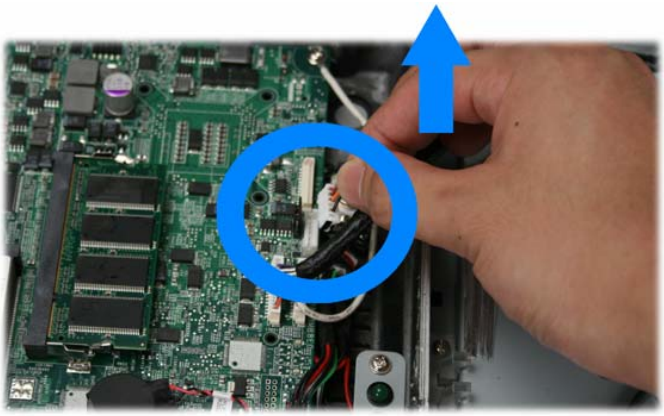
2. Install the new touch panel control board in the reverse procedure.

# 6.

# LCD Inverter Replacement

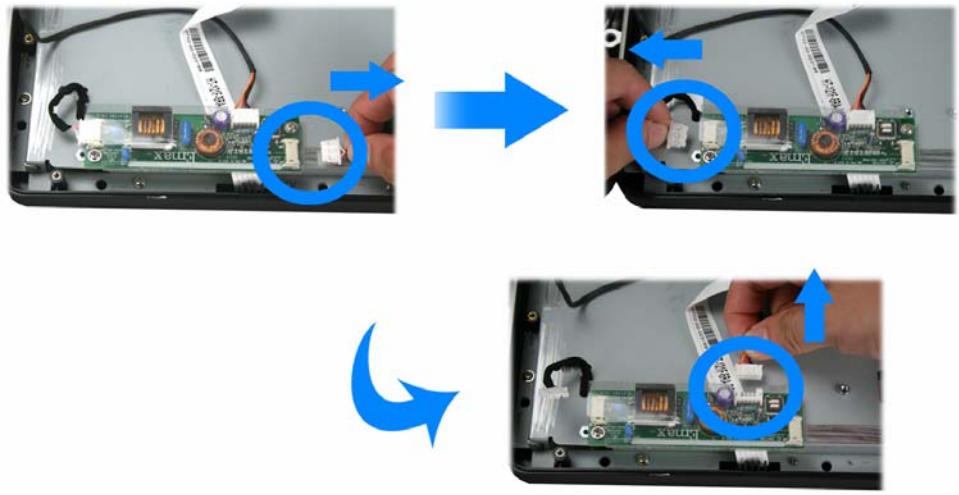
## 6.1. Disconnect Inverter Cable

1. Disconnect the two inverter cables from the mainboard.

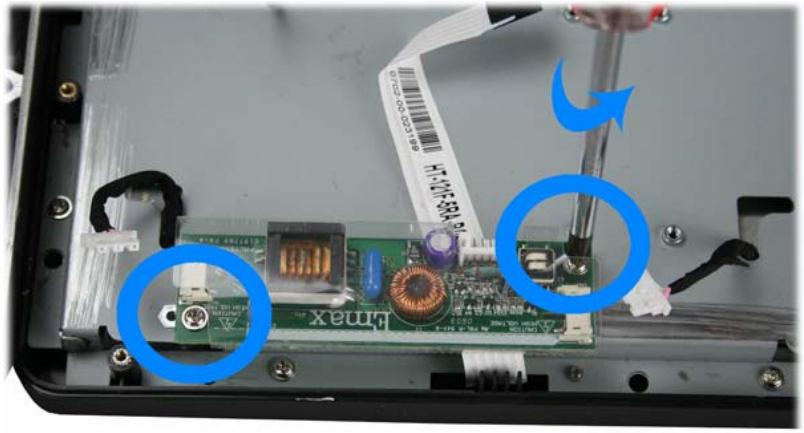


## 6.2. Remove the LCD Inverter

1. Disconnect three connecters form the LCD inverter as shown below.



2. Loosen the two screws by #0 Phillips screwdriver and remove the LCD inverter.



3. Install the new LCD inverter in the reverse procedure.

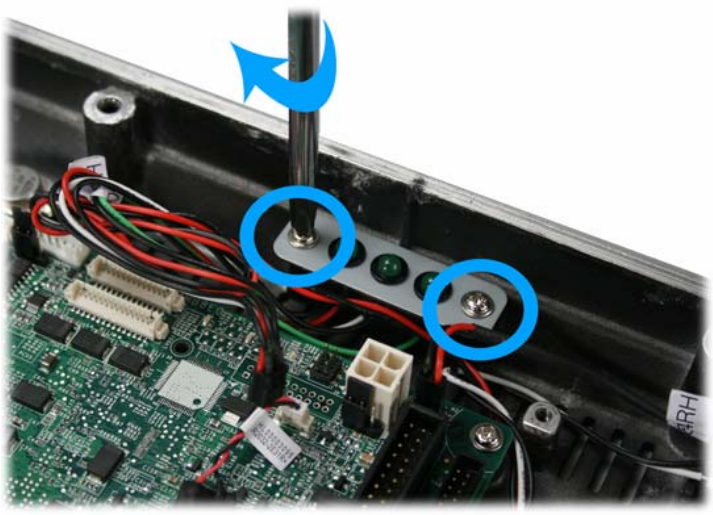
# 7.

## LED indicator Replacement

1. Unplug the LED indicator cable from the mainboard as shown below.

2. Remove the black tape as shown below.

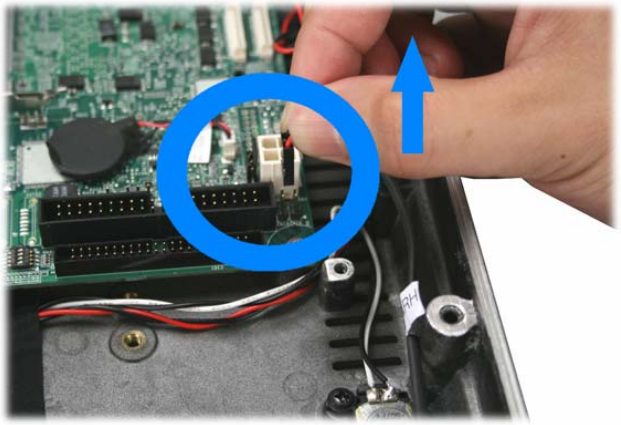
3. Loosen the two screws by #0 Phillips screwdriver and remove theLED indicator.



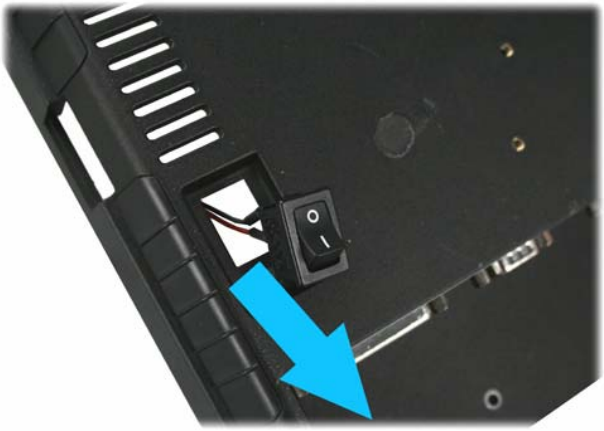
# 8.

## Power Switch Replacement

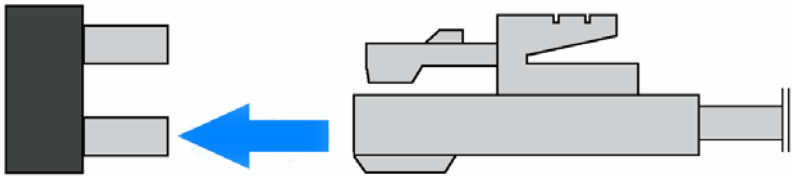
1. Unplug the power switch cable from the mainboard as shown below.



2. Remove the power switch from the device.



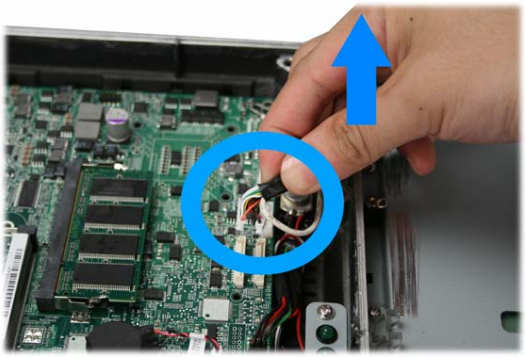
***Note: The power switch cable must be connected to the correct pin.***



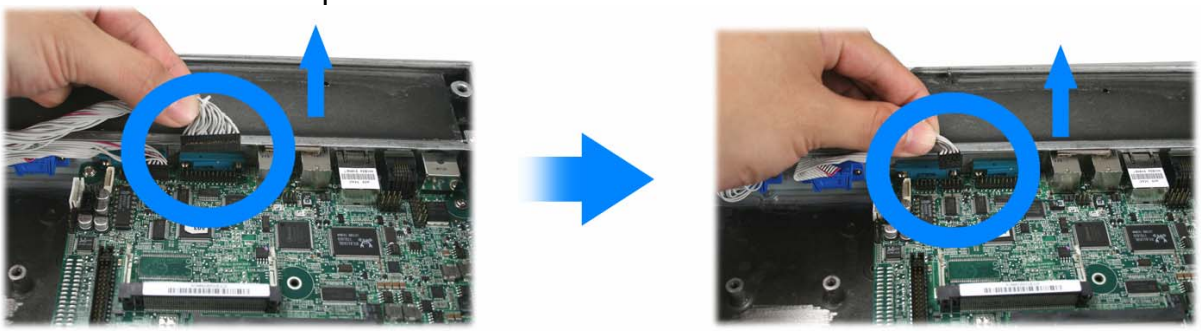
# 9.

## Mainboard and I/O Panel Disassembly

1. Unplug the LCD panel connectors from the main board.

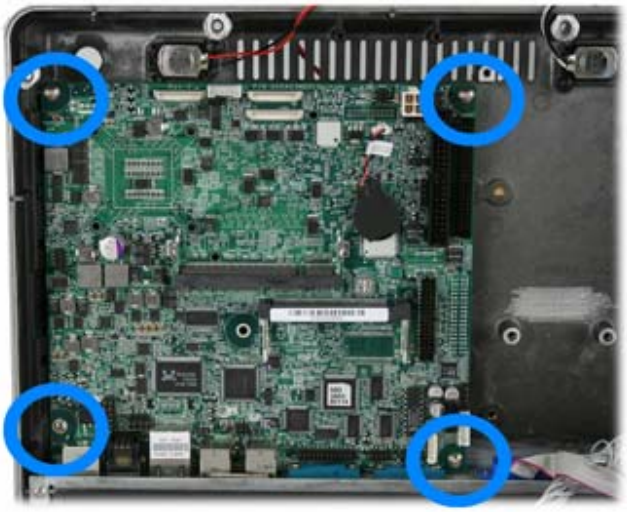


2. Disconnect the serial port cable and COM cable from the mainboard.

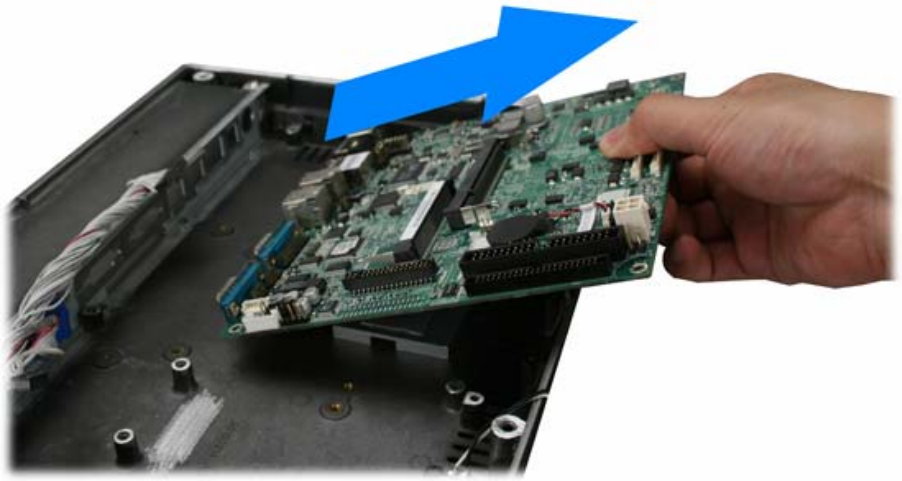


3. Loosen the four screws by 1.5 mm hexagon socket spanner as shown below.

4. Loosen the four screws by #0 Phillips screwdriver as shown below.



6. Remove the mainboard from the device as shown below.



7. Remove the two screws by #1 Phillips screwdriver as shown below.

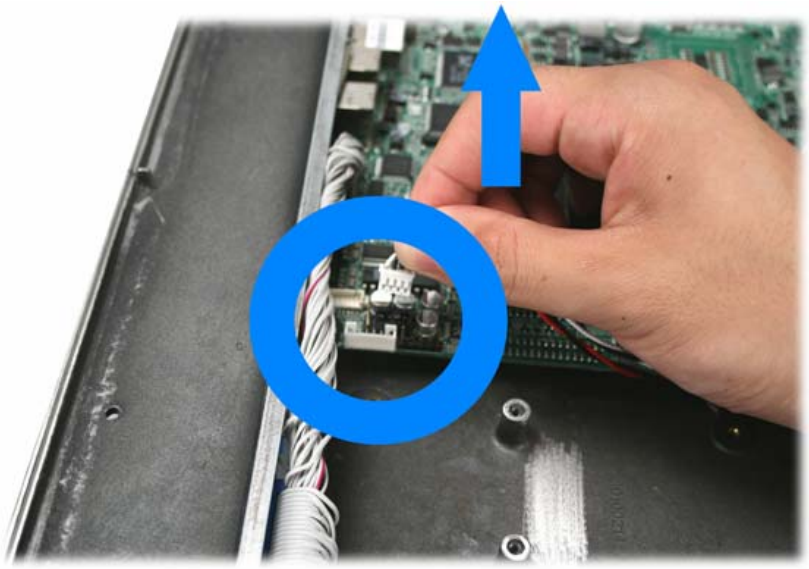
8. Remove the I/O panel from the device as shown below.

9. Loosen the four screws by 1.5 mm hexagon socket spanner as shown below and you can remove the COM port and parallel port from the I/O panel.

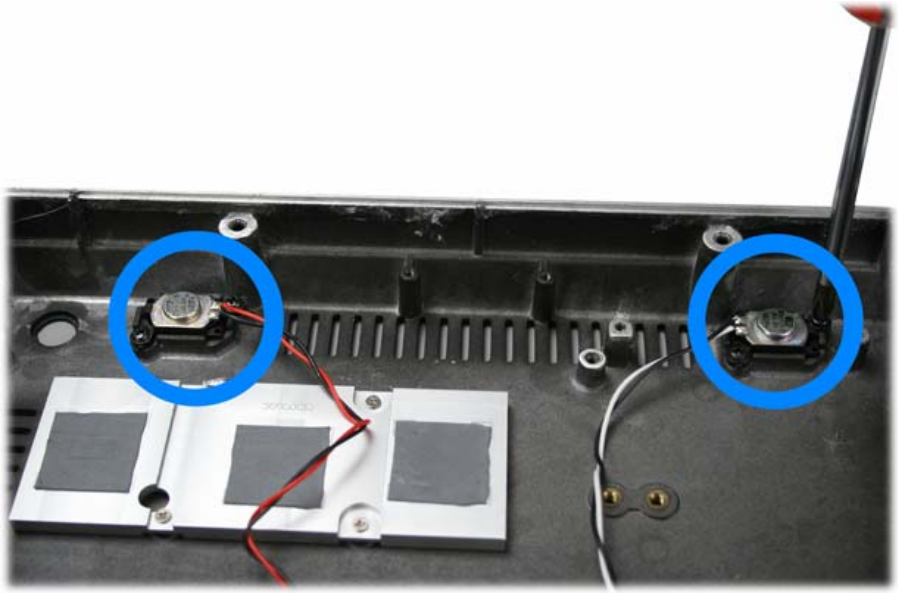
# 10.

## Speaker Assembly Replacement

1. Disconnect the connector of the speaker assembly from the mainboard as shown below.



2. Loosen the four screws by #1 Phillips screwdriver as shown below and remove the speaker assembly from the device.



# 11.

## LCD Panel Replacement

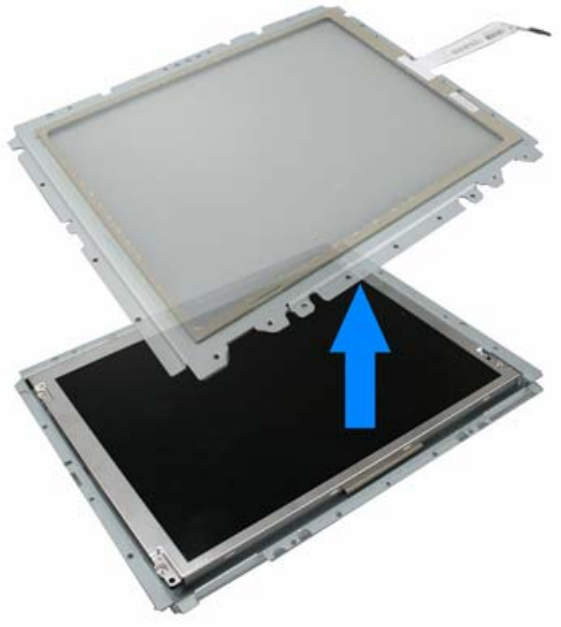
1. Loosen the two screws fixing the LED indicator cover and you can remove the LED indicator cover from the device.

2. Loosen the eight screws in blue circle as shown below by #1 Phillips screwdriver.

3. Remove the LCD panel assembly.

4. Loosen the three screws in blue circle as shown below by #1 Phillips screwdriver.

5. Remove the touch panel cover.



6. Loosen the four screws in blue circle as shown below by #1 Phillips screwdriver.

7. Remove the LCD panel.